Sherwin-Williams/Hilliards Creek Superfund Site: Waterbodies Operable Unit (4)

Proposed Plan

Virtual Public Meeting

Monday, April 12th, 2021

7:00PM to 9:00PM

616703

Agenda

- Introductions (*Pat Seppi*)
- Welcome (*Mayor Ed Campbell*)
- Presentation (*Julie Nace*)
- Questions and Comments (*EPA Team*)
- Closing Comments (*Pat Seppi*)

EPA Team

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EPA Ecological Risk Assessor

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EPA Community Affairs Team Lead

Clara Beitin
EPA Site Attorney

Questions and Comments

Please keep your lines muted

Chat box ⟶ Phone lines

- To unmute phone use (*6)
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Categorically (elected officials, residents, businesses, general public) and in alphabetical order (A-G, H-N, O-T, U-Z). *For example: residents with last names A-G*

Before your question/comments, please state your name and affiliation followed by your question or comment. *For example: "Jane Doe, resident: Where is the Riverside site located?"*

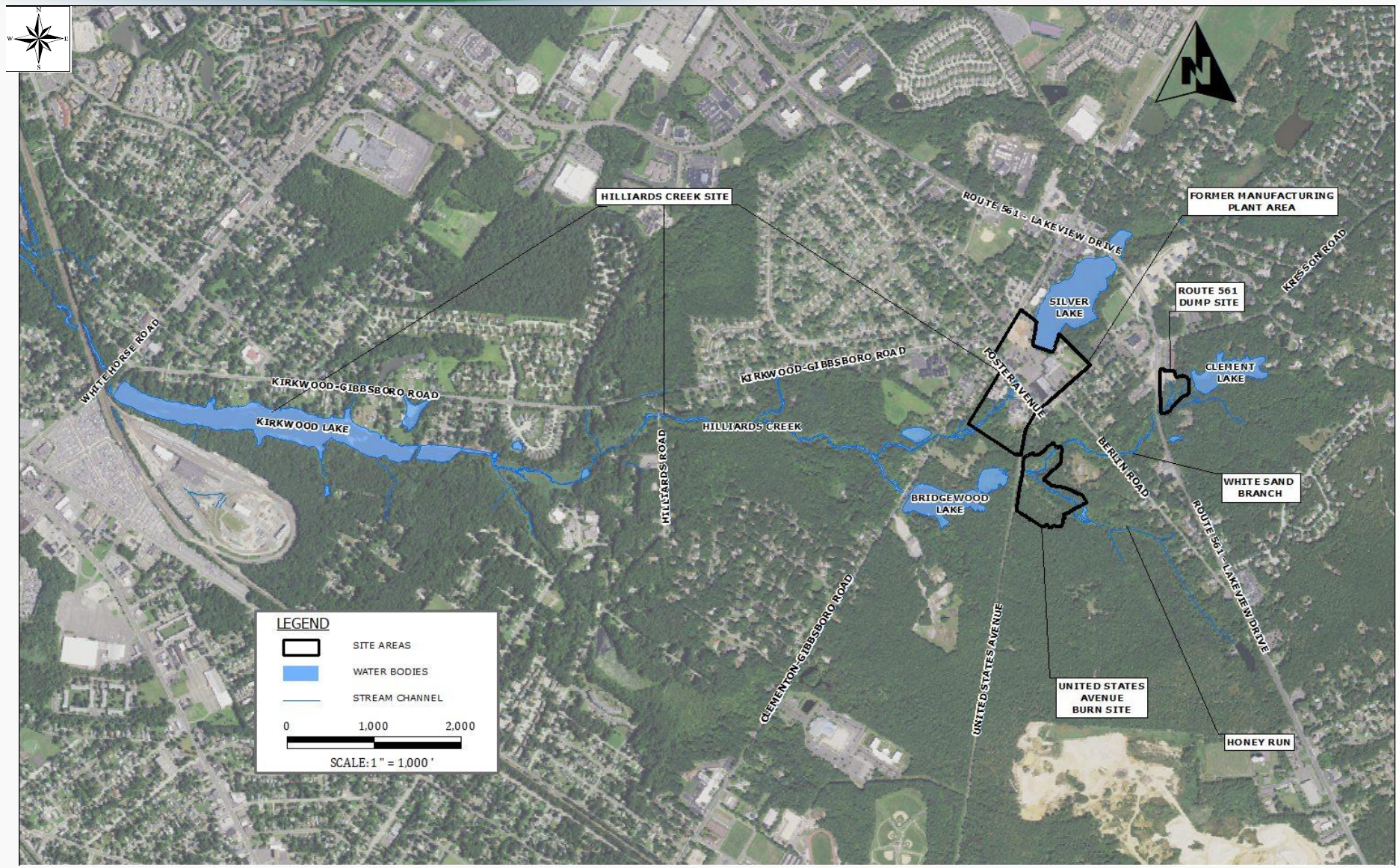
Sherwin-Williams/Hilliards Creek Site: Waterbodies Operable Unit (4) Proposed Cleanup Plan

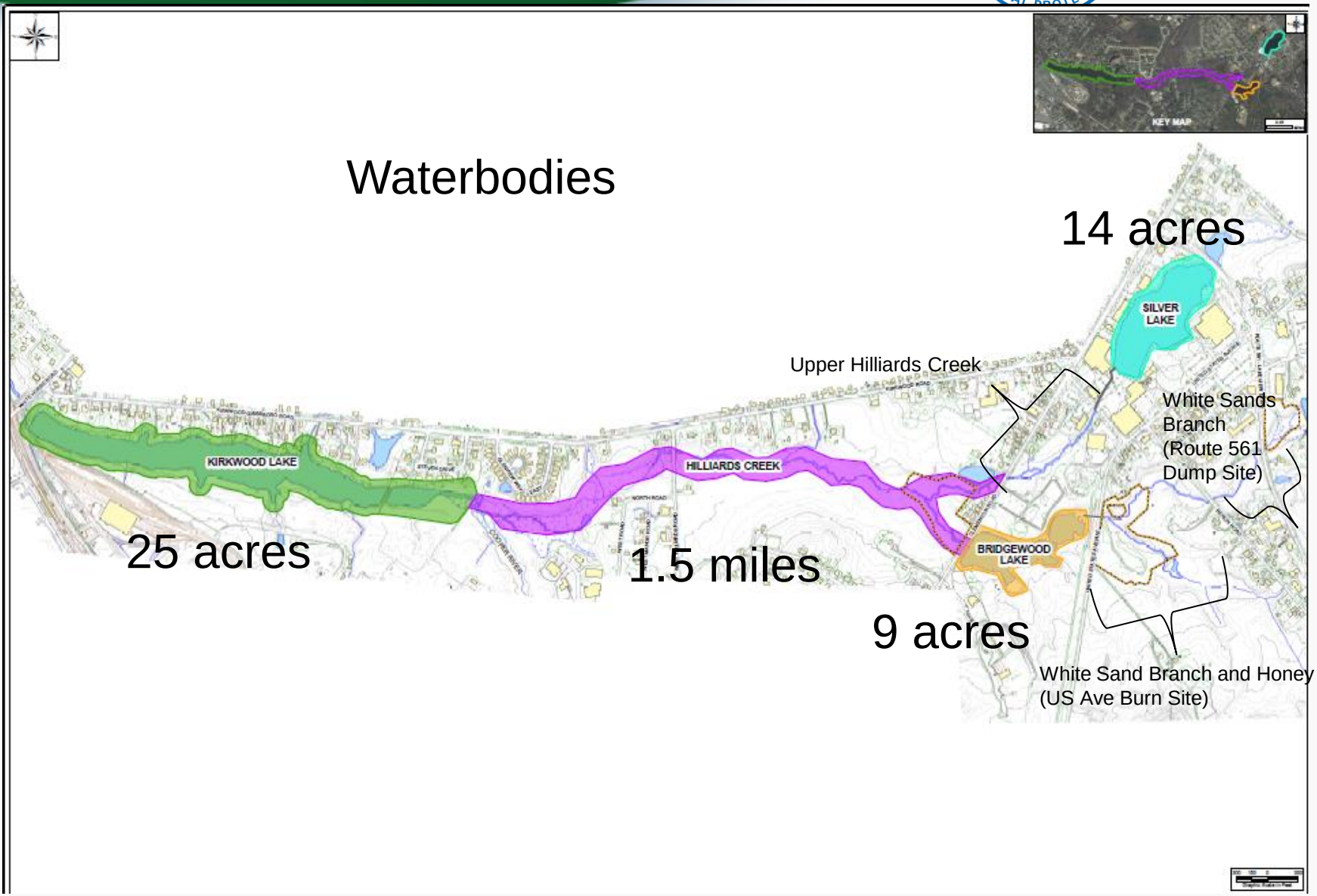
Julie Nace, Remedial Project Manager

Presentation:

1. Background
2. Sediment Cleanup
3. Soil Cleanup
4. Summary


Sevenson


HILLIARDS CREEK SITE
ROUTE 561 - LAKEVIEW DRIVE
FORMER MANUFACTURING PLANT AREA
KRESSON ROAD
ROUTE 561 DUMP SITE
SILVER LAKE
WHITEHORSE ROAD
KIRKWOOD-GIBBSBORO ROAD
KIRKWOOD LAKE
KIRKWOOD-GIBBSBORO ROAD
FOSTER AVENUE
CLEMENT LAKE
HILLIARDS ROAD
HILLIARDS CREEK
BERLIN ROAD
WHITE SAND BRANCH
BRIDGEWOOD LAKE
ROUTE 561 - LAKEVIEW DRIVE
CLEMENTON-GIBBSBORO ROAD
UNITED STATES AVENUE
UNITED STATES AVENUE BURN SITE
HONEY RUN
LEGEND
SITE AREAS
WATER BODIES
STREAM CHANNEL
0
1,000
2,000
SCALE: 1 " = 1,000 '


Waterbodies
14 acres
SILVER LAKE
Upper Hilliards Creek
White Sands Branch (Route 561 Dump Site)
KIRKWOOD LAKE
HILLIARDS CREEK
BRIDGEWOOD LAKE
25 acres
1.5 miles
9 acres
White Sand Branch and Honey Run (US Ave Burn Site)
KEY MAP

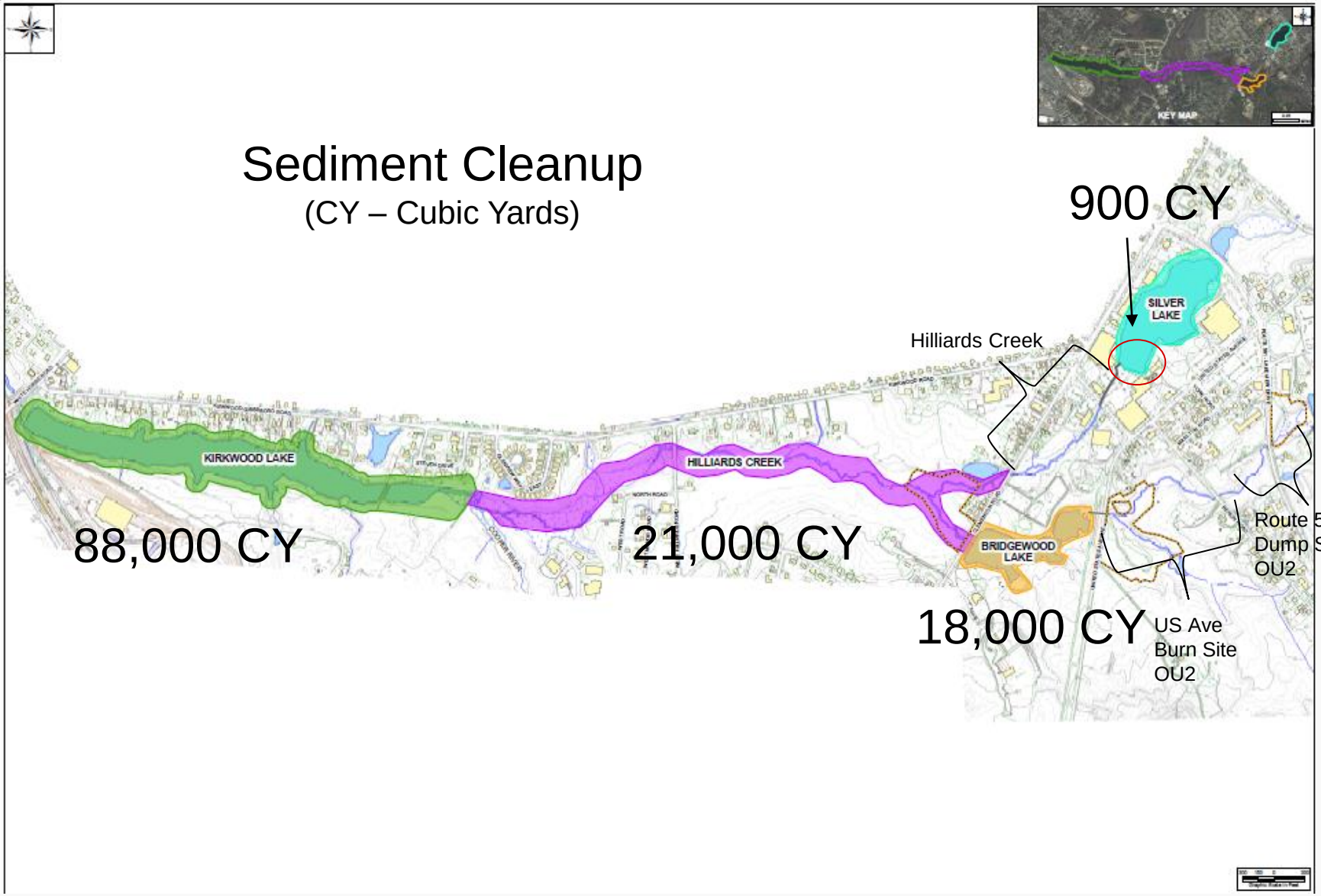
Alternatives for Sediment

Hilliards Creek
Silver, Bridgewood and Kirkwood Lakes

- **Sediment Alternative 1 - No Action**
- **Sediment Alternative 2 – Partial Removal of Sediment (60,000CY), Capping and Natural Recovery**
- ***Sediment Alternative 3 - Removal of Sediment to Meet Clean Up Goals (128,000CY)***

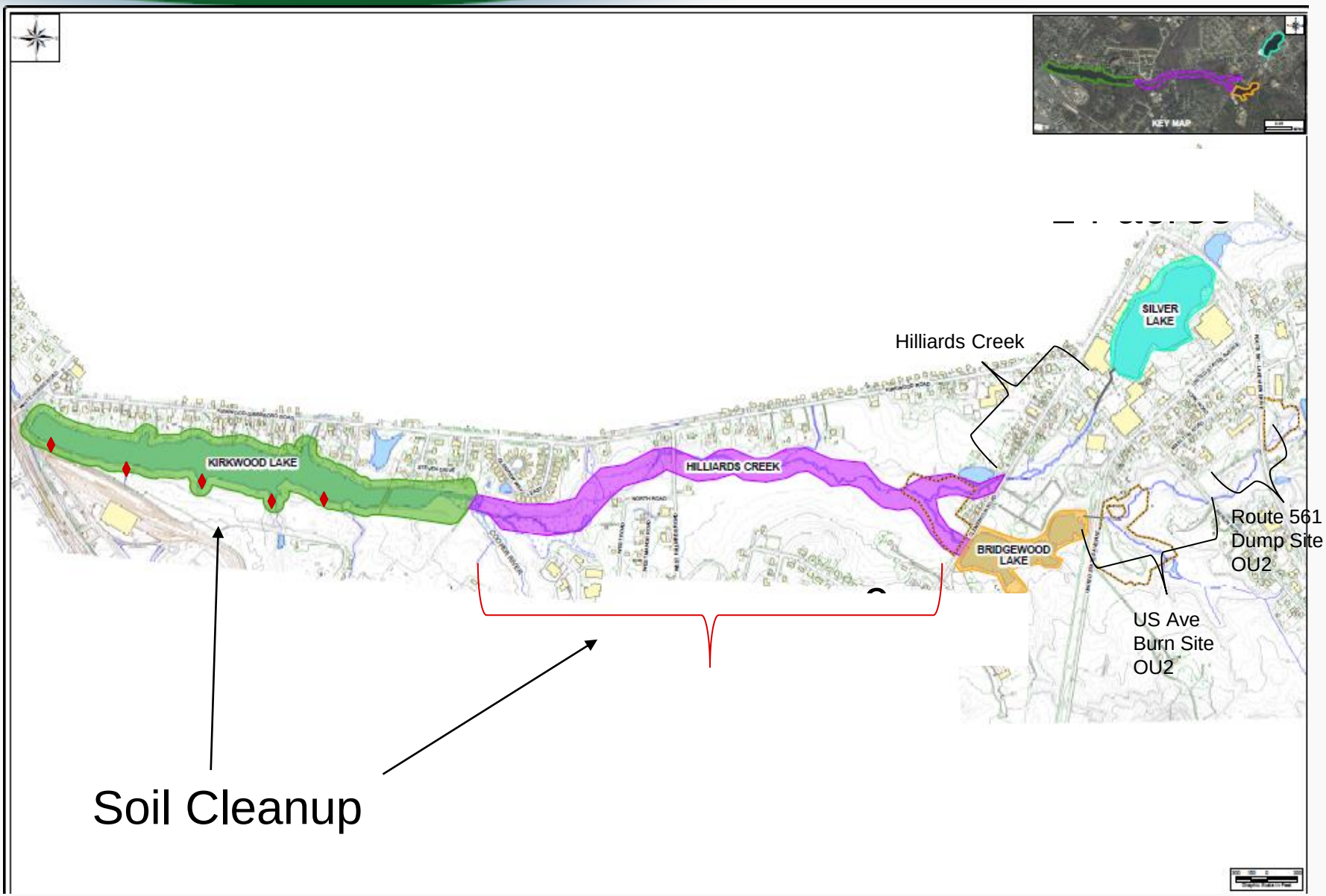
Sediment Cleanup

(CY – Cubic Yards)



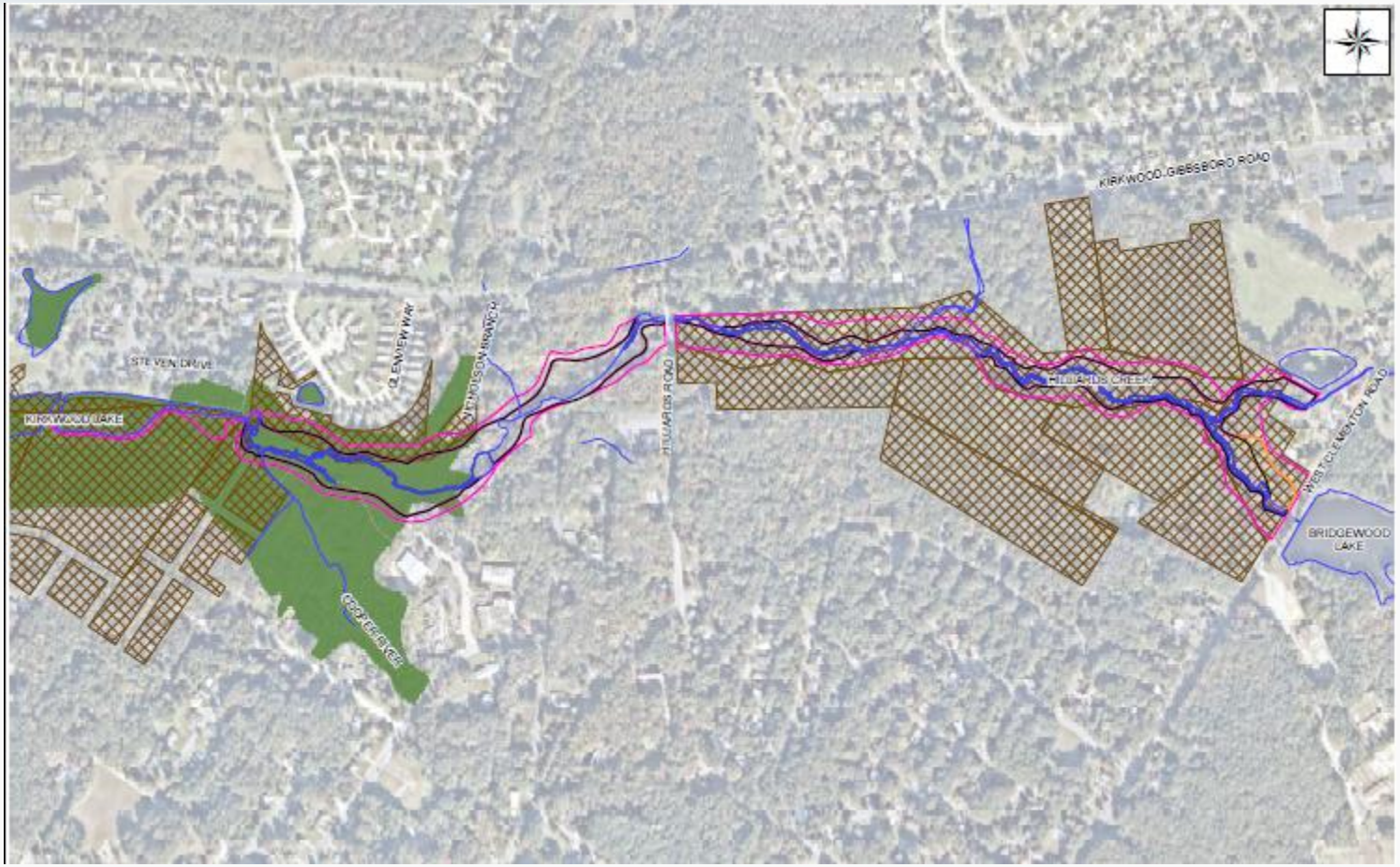
Comparison of Sediment Alternatives

	1 No Action	2 Partial Sediment Removal, Capping and Natural recovery	*3* *Full sediment removal*
Protective	No	Yes	*Yes*
Compliance with ARARs	No	Yes	*Yes*
Long-term effectiveness	X	Least	*Most*
Reduction of toxicity	X	X	*X*
Short-term effectiveness	X	Moderate Risks	*Moderate Risks*
Implementability	X	Similar	*Similar*
Cost	$0	$40 million	*$59 million*
State Acceptance			
Community Acceptance			

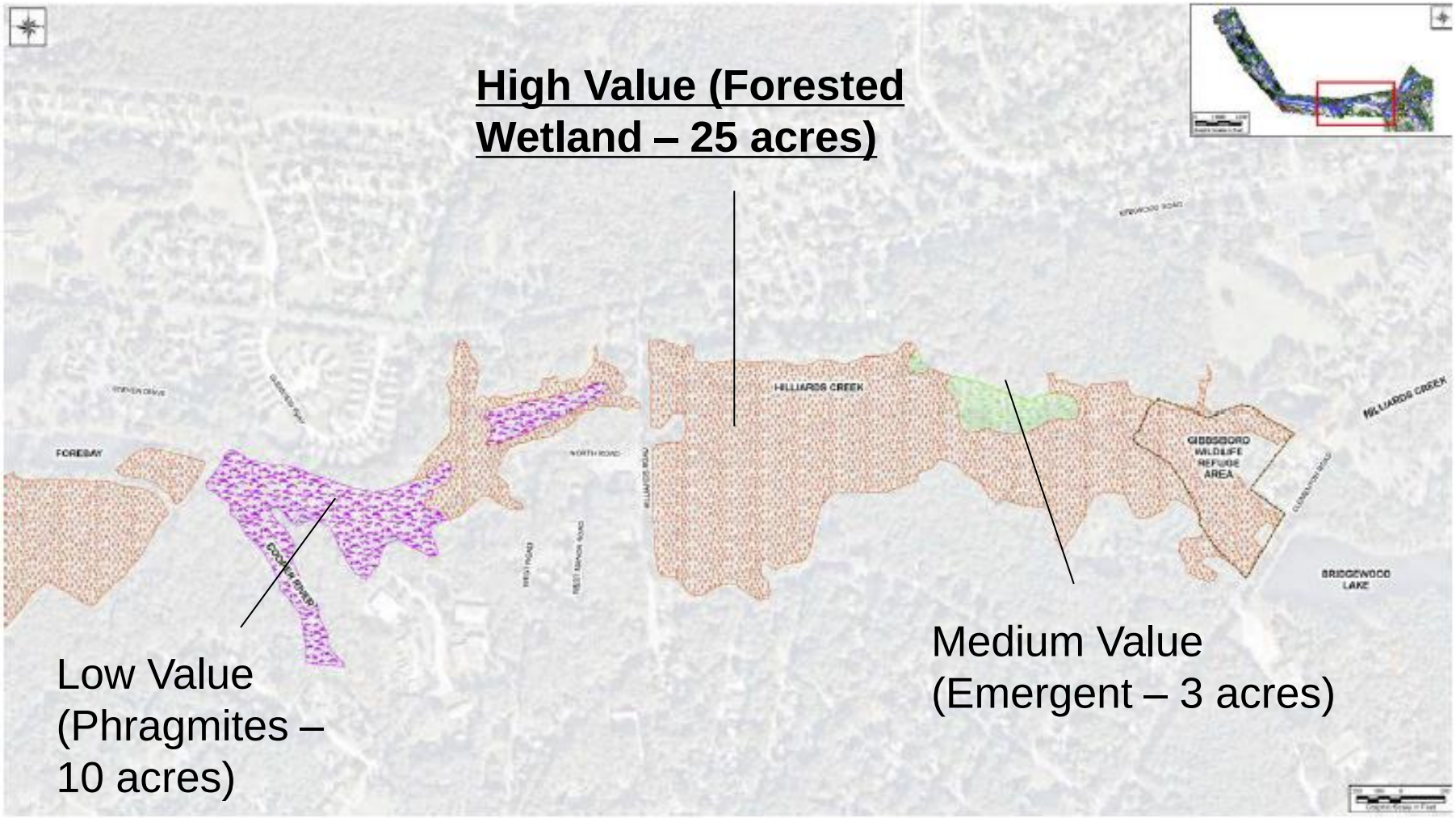

KEY MAP
KIRKWOOD LAKE
HILLIARDS CREEK
BRIDGEWOOD LAKE
SILVER LAKE
Hilliards Creek
Route 561
Dump Site
OU2
US Ave
Burn Site
OU2
Soil Cleanup

New Jersey
Department of Environmental Protection
Mapped Wetlands

Preserved and Sensitive Habitat

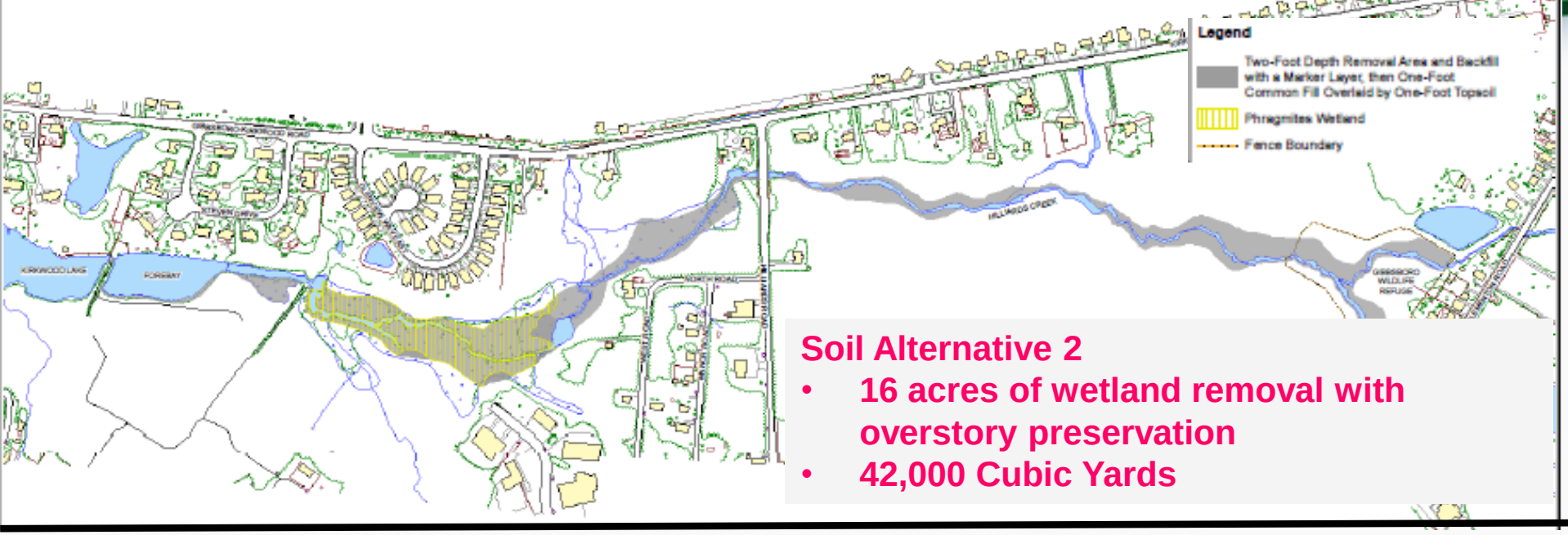


Hilliards Creek Wetlands Classification



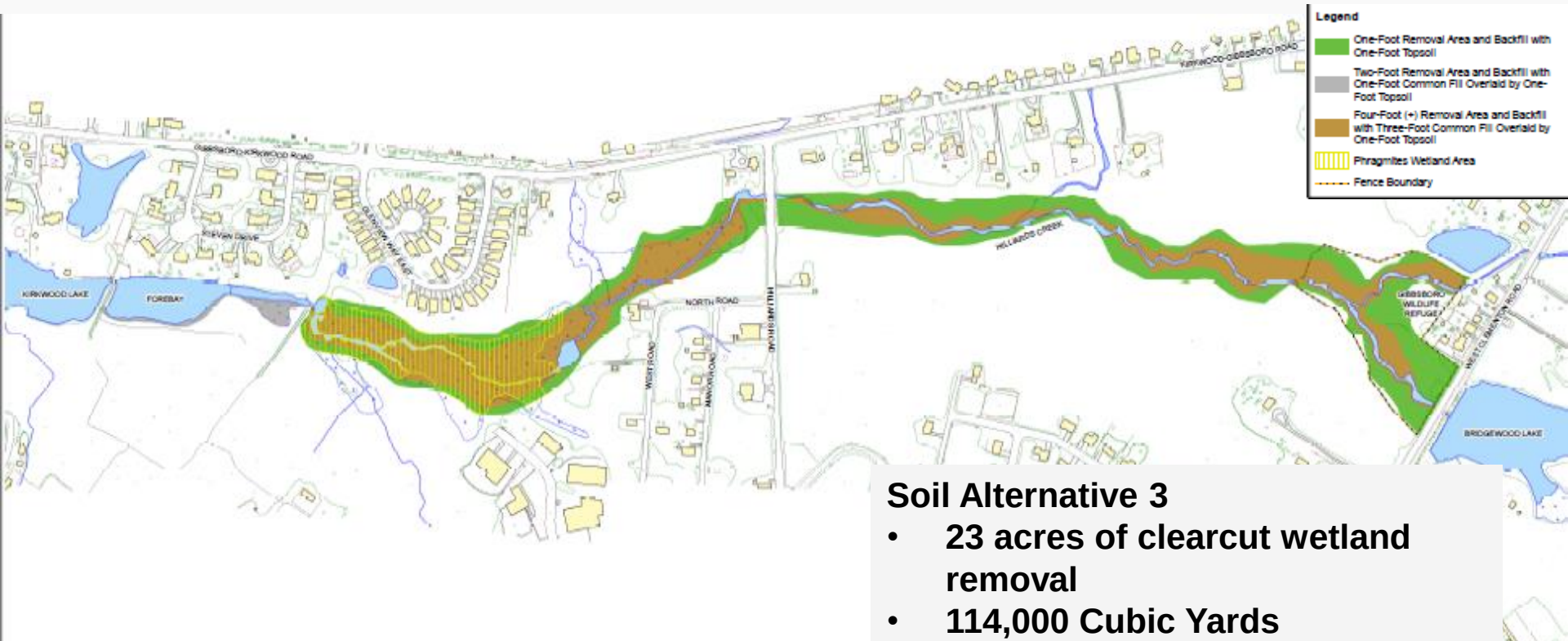
Alternatives for Soil

- **Soil Alternative 1 – No Action;**
- ***Soil Alternative 2 – Targeted Soil Removal (on an average basis), Capping and Institutional Controls (42,000CY)***
- **Soil Alternative 3 – Full Excavation (114,000 CY)**



Soil Alternative 2

- 16 acres of wetland removal with overstory preservation
- 42,000 Cubic Yards



Soil Alternative 3

- 23 acres of clearcut wetland removal
- 114,000 Cubic Yards

Comparison of Soil Alternatives

	1 No Action	*2* ***Targeted Soil Removal with Capping and Institutional Controls***	3 Full Excavation
Protective	No	*Yes*	Yes
Compliance with ARARs	No	*Yes*	Yes
Long-term effectiveness	X	*Yes*	Yes
Reduction of Toxicity	X	*X*	X
Short-term effectiveness	X	*Less impact (10 mos, disturb 16 acres of wetlands)*	Higher impact (3 years, clear-cut 23 acres of wetlands)
Implementability	X	*Smaller area, less soil removal*	Larger area, more soil removal
Cost	$0	*$31 Million*	$62 Million
State Acceptance			
Community Acceptance			

Summary

SEDIMENT Alternative	Description	Excavated Sediment (CY)	Cost
1	No action	0	$0
2	Partial Removal of Surface Sediment, Capping and Natural Recovery	59,059	$40,261,469
3	Full Removal of Sediment	127,933	$59,105,902

SOIL Alternative	Description	Excavated Soil (CY)	Cost
1	No action	0	$0
2	Targeted Soil Removal, Capping and Institutional Controls	41,151	$30,920,667
3	Excavation of all Soil with Contaminants	113,572	$62,261,469

Questions and Comments

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Public comment period on Proposed Plan ends May 3, 2020

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EPA relies on public input to ensure that the concerns of the community are considered in selecting an effective remedy for the Superfund site. EPA encourages the public to review the Proposed Plan and submit comments.

All information related to the Sherwin-Williams/Hilliards Creek Superfund site can be found electronically at:
https://www.epa.gov/superfund/sherwin-williams

or by contacting Pat Seppi

Pat Seppi
Community Involvement Coordinator
US Environmental Protection Agency

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